

IN THE CLAIMS

Please amend the claims as follows:

1-10. (Cancelled).

11. (Currently Amended): A liquid crystal display device, comprising:

a first substrate;

a second substrate opposing the first substrate;

at least a first sealant along a periphery of one of the first and second substrates;

~~at least a second sealant along the periphery of the first sealant, thereby forming at least a double sealant, wherein the first and second sealants surround an entire periphery of one of the first and second substrates and the second sealant completely surrounds the first sealant; and~~

a liquid crystal layer between the first and second substrates, the liquid crystal layer having a photo-reactant material and a liquid crystal material,

wherein the photo-reactant material and the liquid crystal material form a polymer network, the polymer network including

~~such that the photo-reactant material is aligned towards one of the first and second substrates by irradiated light in curing the sealant, irradiated to cure the first and second sealants and~~

the liquid crystal material is aligned towards the other of the first and second substrate by the irradiated light ~~irradiated to cure the first and second sealants.~~

12. (Original): The device according to claim 11, wherein the sealant includes an ultraviolet hardening sealant.

13. (Original): The device according to claim 11, wherein the sealant includes an ultraviolet and thermo-hardening sealant.

14. (Original): The device according to claim 11, wherein the photo-reactant material includes one of a photo-reactive polymer and a photo-reactive oligomer.

15. (Original): The device according to claim 11, further comprising an alignment layer on at least one of the first and second substrates.

16. (Original): The device according to claim 11, wherein the second substrate includes a light-shielding layer, a color filter layer disposed on the light-shielding layer, and a common electrode on the color filter layer.

17. (Original): The device according to claim 11, further comprising a spacer on at least one of the first and second substrates.

18. (Previously Presented): The device according to claim 17, wherein the spacer includes a column spacer.

19-21. (Cancelled).

22. (Previously Presented): The device according to claim 11, wherein the photo-reactant material remains uncured.

23. (Cancelled).